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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) Sheet 1 of 2		Application Number	10/824,743
		Filing Date	April 15, 2004
		First named Inventor	David Edwin Thurston
		Group Art Unit	1626
		Examiner name	Coppins, Janet L.
		Attorney Docket Number	065435-9035-US00

## U.S. Patent Documents

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
JC	6,660,856	Wang	12/9/2003

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
JC	EP	1193270	Spirogen Ltd.	4/3/2002		
JC	GB	2053894	The Green Cross Corporation	2/11/1981		
JC	WO	88/04659	The Upjohn Company	6/30/1988		
JC	WO	91/16324	The Upjohn Company	10/31/1991		
JC	WO	96/23497	Synphar Laboratories, Inc.	8/8/1996		
JC	WO	97/07097	Auckland Division Cancer Society of New Zealand Inc.	2/27/1997		
JC	WO	98/11101	Auckland Division Cancer Society of New Zealand Inc.	3/19/1998		
JC	WO	98/12197	Kyorin Pharmaceuticals Co., Ltd. et al.	3/26/1998	N	Y
JC	WO	99/29642	The Scripps Research Institute	6/17/1999		
JC	WO	99/46244	Novo Nordisk A/S et al.	9/16/1999		

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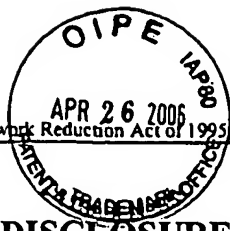
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JC	WO	00/12508	The University of Portsmouth Higher Education Corp.	3/9/2000		
JC	WO	00/12509	The University of Portsmouth Higher Education Corp.	3/9/2000		
JC	WO	00/64864	Cancer Campaign Research Technology Ltd.	11/2/2000		
JC	WO	2004/043963	Spirogen Ltd.	5/27/2004		
JC	WO	2005/023814	Spirogen Ltd.	3/17/2005		
JC	WO	2005/040170	Government of the U.S.A. et al.	5/6/2005		
JC	WO	2005/085251	Spirogen Ltd.	9/15/2005		

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Sheet	1	of	5	Attorney Docket Number	065435-9035-US00

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc. ), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
JC		ADAMS et al., "Molecular modelling of a sequence-specific DNA-binding agent based on the pyrrolo[2,1-c][1,4]benzodiazepines," Pharm. Pharmacol. Commun. (1999) 5:555-560
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JC		JAKOBSEN et al., "Design, synthesis, and pharmacological evaluation of thapsigargin analogues for targeting apoptosis to prostatic cancer cells," J. Med. Chem. (2001) 44:4696-4703
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JC		LIPSHUTZ, B.H. et al., "Pd(II)_Catalyzed Acetal/Ehtal Hydrolysis/Exchange Reactions," Tetrahedron Lett. (1985) 26(6):705-708
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JC		SPELLIE, M. et al., "Cellular pharmacology of novel C8-linked anthramycin-based sequence-selective DNA minor groove cross-linking agents," Br. J. Cancer (1994) 70:48-53
JC		SPELLIE, M. et al., "Sequence selective recognition of duplex DNA through covalent interstrand cross-linking," Biochem. (2003) 42:8232-8239

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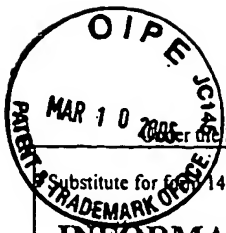
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JC		TIBERGHIE, A.C. et al., "Application of the stille coupling reaction to the synthesis of C2-substituted endo-exo unsaturated pyrrolo[2,1-c][1,4]benzodiazepines (PBDs)," Biorg. Med. Chem. Lett. (2004) 14:5041-5044
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JC		WILLIAMS, M.A. et al., "Synthesis of conformationally constrained DTPA analogues. Incorporation of the ethylenediamine units as aminopyrrolidines," J. Org. Chem. (1994) 59(13):3616-3625

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JC		3,523,941	Leimgruber et al.	8/11/1970
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JC		2004-0092736	Thurston et al.	5/13/2004

FOREIGN PATENT DOCUMENTS						
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JC	WO	88/07378	Cancer Research Campaign Technology Ltd.	10/6/1988		
JC	WO	89/10140	Cancer Research Campaign Technology Ltd.	11/2/1989		
JC	WO	92/19620 D	Centre National de la Recherche Scientifique	11/12/1992		

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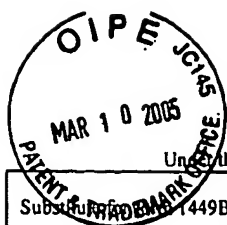
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JC	WO	93/08288	Cancer Research Campaign Technology Ltd.	4/29/1993		
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			Examiner Name	Coppins, Janet L.	
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JC		ALBERICIO, F. et al., "NPE-Resin, A New Approach to the Solid-Phase Synthesis of Protected Peptides and Oligonucleotides II. Synthesis of Protected Peptides <sup>1,2</sup> ," <i>Tetrahedron Letters</i> , 32:1515-1518 (1991)
JC		ALBERICIO, F. et al., "NPE-resin, a new approach to the solid-phase synthesis of protected peptides and oligonucleotides," <i>Peptides</i> 1990, Proc. 21.sub.st Eur. Pept. Symp., 134-136 (1990)
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JC		ARIMA et al., "Studies on Tomaymycin, a New Antibiotic. I. Isolation and Properties of Tomaymycin," <i>J. Antibiotics</i> , 25, 437-444 (1972)
JC		ARISTOFF, J and JOHNSON, P., "Synthesis of CBI-PDE-I-Dimer, the Benzannelated Analogue of CC-1065," <i>J. Org. Chem.</i> , 57, 6234-6239 (1992)
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JC		BAYLEY, H. et al., "Photoactivatable drugs," <i>TIPS</i> , 8, 138-143 (1987)

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JC		BERRY, J. M. et al., "Solid-phase synthesis of DNA-interactive pyrrolo[2,1-c][1,4]benzodiazepines," <i>Tetrahedron Letters</i> , 41, 6171-6174 (2000)
JC		BI, Y. et al., "Building blocks for peptide and carbamate libraries", <i>Bioorganic &amp; Medicinal Chemistry Letters</i> , vol. 6, No. 19, 2299-2300 (1996)
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JC		BOGER et al., "CC-1065 and the Duocarmycins: Synthetic Studies," <i>Chem. Rev.</i> , 97, 787-828 (1997)
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JC		BROWN, S.C. et al., "NMR Solution Structure of a Peptide Nucleic Acid Complexed with RNA," <i>Science</i> , 265, 777-780 (1994)
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JC		BURGESS, K. et al., "Solid Phase Synthesis of Oligoureas", <i>J.Ame. Chem. Soc.</i> , 119: 1556-1564 (1997)
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JC		DRESSMAN, B.A., et al., "Solid Phase Synthesis of Hydantoins Using a Carbamate Linker and a Novel Cyclization/Cleavage Step," <i>Tetrahedron Letters</i> , 37, 937-940 (1996)
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JC		FOLOPPE, M.P. et al., "DNA-binding properties of pyrrolo[2,1-c][1,4]benzodiazepine N10-C11 amidines," <i>Eur. J. Med. Chem.</i> , 31, 407-410 (1996)
JC		FUJISAWA PHARMACEUTICAL CO., LTD., Abstract No. 139983k, "Benzodiazepine derivatives", <i>Chemical Abstracts</i> , vol. 99, No. 17, 603 (1983)
JC		FUJISAWA PHARMACEUTICAL CO., LTD., Abstract No. 72145x, "Benzodiazepine derivatives", <i>Chemical Abstracts</i> , vol. 98, No. 9, 638 (1983)
JC		FUJISAWA PHARMACEUTICAL CO., LTD., "Benzodiazepine derivatives," <i>SciFinder Scholar</i> , 2-3 (2002)
JC		FUKUYAMA, T. et al., "Total Synthesis of (+)-Porothramycin B," <i>Tetrahedron Letters</i> , vol. 34, 16, 2577-2580 (1993)
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JC		GARCIA-ECHEVERRIA, C., "A Base Labile Handle for Solid Phase Organic Chemistry", <i>Tetrahedron Letters</i> , 38,52, 8933-8934 (1997)
JC		GRANT, R. et al., <i>Grant and Hackh's Chemical Dictionary</i> , McGraw-Hill Book Company, 282 (1987)
JC		GREENE, T.W. and WUTS, P.G.M., <i>Protective Groups in Organic Synthesis</i> , John Wiley & Sons, 2 <sup>nd</sup> ed., Ch 7, 315-345 (1991)

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JC		GREGSON, S. et al., "Synthesis of a novel C2/C2'-exo unsaturated pyrrolobenzodiazepine cross-linking agent with remarkable DNA binding affinity and cytotoxicity," <i>Chemical Communications</i> , 797-798 (1999)
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JC		HARA et al., "DC 102, a new glycosidic pyrrolo(1,4)benzodiazepine antibiotic produced by <i>streptomyces</i> sp.", <i>J. Antibiotics</i> , 41, 702-704 (1988)
JC		HAUSKE, J. R. and DORFF, P., "Solid Phase CBZ Chloride Equivalent. A New Matrix Specific Linker", <i>Tetrahedron Letters</i> , 36, 10, 1589-1592 (1995)
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JC		HOCHLOWSKI, J. et al., "Abbeymycin, a new anthramycin-type antibiotic produced by a streptomycete," <i>J. Antibiotics</i> , 40, 145-148 (1987)
JC		HOLMES, C.P. and JONES, D.G., "Reagents for Combinatorial Organic Synthesis: Development of a New O-Nitrobenzyl Photolabile Linker for Solid Phase Synthesis", <i>J. Org. Chem.</i> , 60, 2318-2319 (1995)

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JC		HUBER, B. et al., "Retroviral-mediated gene therapy for the treatment of hepatocellular carcinoma: An innovative approach for cancer therapy," <i>Proc. Natl. Acad. Sci. USA</i> , 88, 8039-8043 (1991)
JC		HURLEY, L. and NEEDHAM-VANDEVANter, D., "Covalent Binding of Antitumor Antibiotics in the Minor Groove of DNA. Mechanism of Action of CC-1065 and the Pyrrolo(1,4)benzodiazepines," <i>Acc. Chem. Res.</i> , 19, 230-237 (1986)
JC		ITOH et al., "Sibanomicin, a new pyrrolo(1,4)benzodiazepine antitumor antibiotic produced by a <i>micromonospora</i> sp." <i>J. Antibiotics</i> , 41, 1281-1284 (1988)
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JC		JUNGHEIM, L.N. and SHEPHERD, T.A., "Design of Antitumor Prodrugs: Substrates for Antibody Targeted Enzymes," <i>Am. Chem. Soc. Chem. Rev.</i> , 94, 1553-1566 (1994)
JC		KAMAL, A., et al., "An Efficient Synthesis of Pyrrolo[2,1-c][1,4] Benzodiazepine Antibiotics via Reductive Cyclization," <i>Bioorg. Med. Chem. Ltrs</i> , 7, No. 14, 1825-1828 (1997)
JC		KAMAL, A., et al., "Synthesis of Pyrrolo [2,1-c][1,4]-Benzodiazepene Antibiotics: Oxidation of Cyclic Secondary Amine with TPAP", <i>Tetrahedron</i> , v. 53, No. 9, 3223-3230 (1997)
JC		KAPOOR, T.M. et al., "Exploring the Specificity Pockets of Two Homologous SH3 Domains Using Structure-Based, Split-Pool Synthesis and Affinity-Based Selection," <i>J. Am. Chem. Soc.</i> 120:23-29 (1998)
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JC		KENNEDY, J.C. and POTTIER, R.H., "Endogenous protoporphyrin IX, a clinical useful photosensitizer for photodynamic therapy," <i>J. Photochem Photobiol</i> , 14, 275-292 (1992)
JC		KOHN, K., "Anthramycin," <i>Antibiotics III</i> , Springer-Verlag, NY, 3-11 (1975)
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JC		KUZMICH, S. et al., "Increased levels of glutathione S-transferase $\pi$ transcript as a mechanism of resistance to ethacrynic acid," <i>Journal of Biochemistry</i> , 281, 219-224 (1992)
JC		LANGLEY, D.R. and THURSTON, D.E., "A versatile and efficient synthesis of carbinolamine-containing pyrrolo[1,4]benzodiazepines via the cyclization of N-92-aminobenzoylpyrrolidine-2-carboxaldehyde diethyl thioacetals: total synthesis of prothracarcin," <i>J. Org. Chem.</i> , 52, 91-97 (1987)
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			Group Art Unit	1626	
			Examiner Name	Coppins, Janet L.	
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JC		LEIMGRUBER, W. et al., "The structure of anthramycin," <i>J. Am. Chem. Soc.</i> , 87, 5793-5795 (1965)
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JC		<i>Dictionary of Science and Technology</i> , Professor P.M.B. Walker ed. Larousse plc., pp. 63, 457, 523 (1995)

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